



## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

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SECRETARY

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### **Annual Combined Preconstruction Outsourcing/Project Delivery Report**

This report is submitted to the Joint Legislative Transportation Oversight Committee in compliance with the legislative mandates set forth in G.S. 136-12.3.

### **Preconstruction Outsourcing Report**

#### **Executive Summary**

This report provides a summary of payments made to private contractors for eligible preconstruction activities for highway projects in each Division and corresponding project expenses incurred by division, regional and central staff. Specifically, payments made to private contractors for planning, design, and right of way activities are compared with the Department's internal costs for those activities, then an outsourcing utilization rate is calculated for each Highway Division.

For the period between January 1, 2018 and December 31, 2018, the Department's overall outsourcing rate for eligible preconstruction activities is 77.0%, which is a 1.8% increase from 75.2% during the period between July 1, 2017, and December 31, 2017.

#### **Data Analysis**

Preconstruction activity cost data, as summarized in the following table, was gathered for the period of January 1, 2018, through December 31, 2018, for Interstate, Urban, Rural, Safety, and Bridge projects. Preconstruction activity costs for these projects that are part of a design-build contract are not included. In addition, highway resurfacing projects are not included in the data as preconstruction activities are very limited for this work. Furthermore, the data does not include payments made to local government agencies for the administration of projects or payments to railroad companies for project review and concurrence. Last, the data is for highway projects only and does not include preconstruction activity costs for projects for the non-highway modes.

The utilization rates shown in the table for each Highway Division are based on comparing the total preconstruction payments made to contractors to the total preconstruction expenditures. “Total Preconstruction Expenditures” includes both internal and external costs for preconstruction activities. “NCDOT Preconstruction Charges” includes internal charges for planning, design, and right of way on highway projects. The “Preconstruction Contract Payments” column reflects payments made to private engineering and other contract firms that provided planning, design, and right of way services. The “Preconstruction Outsourcing Rate” reflects the percentage of outsourcing to contractors that occurred for preconstruction activities for projects geographically located in each Highway Division. A statewide total is also included.

<b>Division</b>	<b>Total Preconstruction Expenditures</b>	<b>NCDOT Preconstruction Charges</b>	<b>Preconstruction Contract Payments</b>	<b>Preconstruction Outsourcing Rate</b>
<b>1</b>	\$ 15,455,114.99	\$ 3,489,016.17	\$ 11,966,098.82	77.4%
<b>2</b>	\$ 37,687,978.40	\$ 13,533,302.13	\$ 24,154,676.27	64.1%
<b>3</b>	\$ 38,198,079.13	\$ 6,669,578.52	\$ 31,528,500.61	82.5%
<b>4</b>	\$ 22,124,999.73	\$ 5,547,388.79	\$ 16,577,610.94	74.9%
<b>5</b>	\$ 40,546,937.43	\$ 7,635,009.49	\$ 32,911,927.94	81.2%
<b>6</b>	\$ 34,640,559.18	\$ 7,548,018.27	\$ 27,092,540.91	78.2%
<b>7</b>	\$ 30,872,613.97	\$ 6,239,438.96	\$ 24,633,175.01	79.8%
<b>8</b>	\$ 18,265,708.21	\$ 3,941,925.59	\$ 14,323,782.62	78.4%
<b>9</b>	\$ 35,416,990.29	\$ 9,306,456.25	\$ 26,110,534.04	73.7%
<b>10</b>	\$ 33,112,777.53	\$ 7,917,743.90	\$ 25,195,033.63	76.1%
<b>11</b>	\$ 12,407,028.04	\$ 3,824,254.82	\$ 8,582,773.22	69.2%
<b>12</b>	\$ 32,600,613.28	\$ 6,939,996.64	\$ 25,660,616.64	78.7%
<b>13</b>	\$ 20,927,232.25	\$ 4,865,521.72	\$ 16,061,710.53	76.8%
<b>14</b>	\$ 34,688,852.05	\$ 6,249,634.56	\$ 28,439,217.49	82.0%
<b>Total</b>	<b>\$ 406,945,484.48</b>	<b>\$ 93,707,285.81</b>	<b>\$ 313,238,198.67</b>	<b>77.0%</b>

## **Project Delivery Report**

### **Executive Summary**

This report provides a status of bridge (B) projects over \$10,000,000, Interstate (I), Rural (R), and Urban (U) highway projects managed by NCDOT in the State Transportation Improvement Program (STIP). The attached spreadsheet indicates the status of each project regarding planning/design, right of way (ROW) acquisition, project let for construction and construction substantially completed with project open to traffic. The environmental document type is listed along with the planned and actual completion dates. The document type is either a Minimum Criteria Checklist (MCC), a Categorical Exclusion (CE), an Environmental Assessment (EA) or an Environmental Impact Statement (EIS). The STIP Let Fiscal Year (FY), as approved by the Board of Transportation in August 2017, is shown for each project as the baseline for letting. Once the project is within 12 months of letting, the original planned project let month and year is indicated as well as the actual let

month and year once the project has been let. Below is a summary of project type by Division:

<b>Division</b>	<b>B (&gt;\$10M)</b>	<b>I</b>	<b>R</b>	<b>U</b>
<b>1</b>	0	4	30	3
<b>2</b>	4	2	18	19
<b>3</b>	1	2	9	48
<b>4</b>	4	20	13	33
<b>5</b>	1	26	8	54
<b>6</b>	2	10	15	31
<b>7</b>	6	23	8	48
<b>8</b>	0	4	16	27
<b>9</b>	1	12	21	29
<b>10</b>	1	31	8	57
<b>11</b>	3	11	17	14
<b>12</b>	2	19	23	36
<b>13</b>	3	27	7	21
<b>14</b>	3	14	26	12
<b>Total</b>	<b>31</b>	<b>205</b>	<b>219</b>	<b>432</b>

### **Projects with Delays More Than One Year**

The following projects have a stage delayed more than one year:

#### Division 2

U-5860: SR 1306 (15<sup>th</sup> Street), from US 17 Business (Carolina Avenue) to Brown Street. This project widens SR 1306 to multi-lanes. During the public input process, adjoining land owners expressed opposition to the project. The Washington City Council voted not to support the project on March 27, 2017. Since the project lacks support from the local community, the project has been moved to future years of the STIP.

#### Division 7

I-5964: I-40/I-85 BUS/US 29/US 70/US 220 Interchange improvements at Elm Eugene Street in Greensboro. The planning document for this project was initially delayed due to schedule and scope overlap with B-5356. The two projects were planned to be combined for letting. However, the B-5356 project has since been combined into the I-5965 I-40 project. The Division will proceed with the delivery of the separate I-5964 project, as scheduled.

U-5844: NC 62 – From SR 1430 (Ramada Road) to US 70 (Church Street) in Burlington. This project widens NC 62 to multi-lanes. The planning document is delayed due to concerns expressed by the City of Burlington and the public during the second public meeting. The project has been re-scoped to address the concerns expressed by the City and the public. A meeting is scheduled for April 2019 to share the revised concept with the public.

U-5898: US 29 interchange Improvements at NC 150. The planned completion date of the environmental document has been delayed due to the potential acceleration of the R-5889 project, which will upgrade US 29 to interstate standards and incorporate the planned improvements of U-5898.

#### Division 10:

R-5798: US 74 (Andrew Jackson Highway) from Graham Street to SR 1749 (Allen Pond Road). Two factors impacted the schedule of the planning document. One of those included the identification of a historic site which was addressed through the State Historic Preservation Office. The second involves refining the design and holding information meetings to review the proposed design with the public.

U-5526A: The US 74 (Independence Boulevard) project from I-277 to Village Lake Drive involved the conversion of bus lanes to reversible managed lanes. The letting of this project has been delayed due to the inclusion of the project in the U-6103 project, which is planned to widen US 74 to allow for two-way managed lanes operations.

U-5762: The NC 160 (Steele Creek Road) intersection improvement project at NC 160 (Steele Creek Road) and SR 1106 (Hamilton Road). U-5762 was originally planned to be let in January 2018. However, when the project was let, the Department did not receive bids due to the utility conflicts along the project. The project has since been re-let and awarded. The utility conflicts are being relocated as the construction project progresses.

#### Division 11:

U-5810: SR 1514 (Bamboo Road) improvements from US 421 / US 221 to SR 1522 (Deerfield Road). This project widens the existing roadway. The planning phase of this project has been impacted by the coordination with the Wellness District in Boone to incorporate the design of R-5830, which includes upgrading SR 1522, Deerfield Road. Merging these two projects and completing the design of these projects concurrently will help improve connectivity on the east side of Boone.